





















Metacohort: To control biopsy screen failure rate to <1:3 for 'At-Risk NASH' (NAS ≥4, F≥2) at a 35% p								
Marker	Sensitivity	Specificity	Number of positive patients undergoing biopsy (Per 100)	Number of eligible patients found (Per 100)	Number needed to test			
SomaSignal	0.67	0.82	35	24	4			
ADAPT	0.47	0.88	24	16	6			
MACK-3	0.41	0.89	21	14	7			
PRO-C3	0.33	0.92	17	11	9			
FIBC3	0.28	0.93	14	10	10			
CK-18 M30	0.25	0.93	13	9	11			
PRO-C6	0.18	0.96	9	6	16			
PRO-C4	0.12	0.97	6	4	23			
CK-18 M65	0.12	0.97	6	4	24			
No marker	-	-	100	35	-			



[Analysis	Analysis of NAFLD cases from the NIMBLE Phase 1 (NASH-CRN) Cohort				
		AUROC NIS-4	AUROC ALT	P-value vs unit line	P-value vs ALT	
	NASH	0.832	0.678	<0.001	<0.001	
	NAS ≥4	0.815	0.726	<0.001	<0.001	
		AUROC NIS-4	AUROC FIB-4	P-value vs unit line	P-value vs FIB-4	
	≥Stage 2	0.874	0.796	<0.001	<0.001	
	≥Stage 3	0.788	0.793	<0.001	0.6	
	Stage 4	0.725	0.815	<0.001	1	
	AUROC NI	S-4 P-value v line	rs unit Al	JROC IB-4	- P-value vs FIB-4	
	0.815	<0.00	01 0	.762	<0.001	
	0.815	<0.00	0	./02	<0.001	











	Anal	ysis of NAFLD c	ases from th	e NIMBLE Phase 1 (NASH-CRN)	Cohort		
	PRO-C3				ELF		
	≥Stage 2	Stage 3 or 4	Stage 4		≥Stage 2	Stage 3 or 4	Stage 4
UROC (PRO-C3)	0.809	0.764	0.728	AUROC (ELF test)	0.828	0.835	0.855
UROC (FIB-4)	0.799	0.79	0.81	AUROC (FIB-4)	0.798	0.789	0.81
AUROC >0.7 and superior to .5?	<0.001	<0.001	<0.001	Is AUROC >0.7 and superior to 0.5?	<0.001	<0.001	<0.001
AUROC superior to FIB-4?	0.27	0.9	1.0	Is AUROC superior to FIB-4?	0.01	<0.001	<0.001
Perform	ance statistics for	PRO-C3		Performa	ance statistics for	ELF test	
ouden index cutoff	≥17.6	≥18.8	≥21.1	Youden index cutoff	9.5	9.6	10.1
ensitivity	69.8	71.4	66.2	Sensitivity	71.8	80.8	82.1
pecificity	81.0	71.4	68.5	Specificity	81.5	70.2	73.3
				ELF performance improved progressi	vely for diagnosis of pr	ogressively more advance	d fibrosis













Dir	Direction of Change in NITs Annear More Consistent								
Median relative (%) change from baseline	Histologic fibrosis Responders (n = 264) vs. non-responders (n = 1279)	p value	ELF (≥0.5 unit reduction) Responders (n = 258) vs. non-responders (n = 1325)	p value	Liver stiffness (≥25% reduction) Responders (n = 297) vs. non-responders (n = 787)	p value			
Hepatic collagen		<0.001		0.666		0.915			
α-SMA		<0.001	þ	0.542	-	0.308			
ELF	b	0.036	-	< 0.001	•	<0.001			
Liver stiffness by FibroS	can 🗧	0.074		<0.001		<0.001			
FIB-4	=,	0.089		< 0.001		<0.001			
APRI		0.306		<0.001		<0.001			
FibroTest		0.494		< 0.001	-	<0.001			
ALT		0.430		<0.001		<0.001			
AST		0.206		< 0.001		< 0.001			
Alkaline phosphatase	—	0.237		< 0.001		<0.001			
GGT		0.471		< 0.001		< 0.001			
Platelets	d and a second se	0.162		< 0.001	•	0.600			
Glucose		0.640	-	<0.001		0.007			
HOMA-IR		0.507	-	<0.001	•	0.001			
CK18 M30		0.526		<0.001		<0.001			
CK18 M65		0.806	······	< 0.001		<0.001			
C-reactive protein		0.884		< 0.001		< 0.001			
Bile acids		0.210		<0.001		<0.001			
Weight		0.077	•	<0.001	4	<0.001			
	-50 -40 -30 -20 -10 0 10 20 30 Median % change from baseline) -50 -4 N	40 -30 -20 -10 0 10 20 3 ledian % change from baseline	0 -	50 -40 -30 -20 -10 0 10 20 3 Median % change from baseline	0			
Istle Isity All data are median re	ative change at W48 from BL.		1	. Harrison SA, due to NASI	et al. Selonsertib for patients with brid H: Results from randomized phase III S	lging fibrosis FELLAR trials.			





























